



# Proposed Energy Efficiency Recommendations

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SB 1 Eligibility Criteria and Conditions for Incentives

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# Residential New Construction Recommendation

- Extend NSHP EE Requirements Statewide
- “Co-Brand” with Prominent Energy Efficiency Programs
- Tier I - minimum level; 15% > Title 24 (Current IOU New Construction program level)
- Tier II- preferred level; 35% > Title 24 (Total Energy); 40% > Title 24 (Cooling Energy); Consistent with Building America levels
- Energy Star Builder Installed Appliances
- Utilities Should Provide EE Incentives for Each Tier



# New Commercial Construction Recommendation

- Model After NSHP Style Tiers
- “Co-Brand” with Prominent Energy Efficiency Programs
- Tier I – minimum level 15% greater than Title 24
  - Consistent with USGBC, LEED NC Energy Efficiency Requirements
  - Consistent with Savings by Design Minimum Level for Design Team
- Tier II – preferred level 30% greater than Title 24
  - Consistent with requirements for EAct 2005 Tax Credits
  - Consistent with new ASHRAE Standard 189
  - Consistent with “Architecture 2030 Challenge” plan
- Utility Should Provide Energy Efficiency Incentives for each Tier



# Existing Commercial Construction Recommendation

- "Co-Brand" with the Governor's Green Building Initiative
- Benchmarking for All Buildings Using ENERGY STAR, *Portfolio Manager*
- Retro-commissioning (RCx)
  - All Buildings > 50,000 sq ft and
  - All Buildings with Benchmarking Score < 75
- Implement Cost Effective Recommendations up to Benchmarking score of 75
- Provide Utility Incentives for Retro-commissioning and Installing Cost Effective Energy Efficiency Improvements



# Existing Residential Buildings

- Continue CSI Online Audit until future update of SB 1 Guidelines
- CPUC do investigation of online energy audit
- Conceptual approach proposed for developing a energy use benchmarking system for existing homes:
  - Utilities Develop Approach to Compare Energy Use to Population of Homes
  - Encourage homes to improve to reach the top quartile
  - For homes with energy use outside the top quartile, require onsite energy audit, or use HERS Rater or Building Performance Contractor to determine cost effective efficiency measures
  - Provide utility incentives for onsite audit, HERS Rater, Building Performance Contractor, and cost effective energy efficiency improvements
- Energy Commission to form a task group to develop conceptual approach for recommendation for future update of SB 1 Guidelines